


TEREZ PA 6.6 HT 7500 GF 60

PA66

Ter Plastics

Product Texts

PA66 with partial aromatic content, 60% glasfibre and improved flowability
 For all kind of injection moulding parts with high demand of strength

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	18500	MPa	ISO 527-1/-2
Yield stress	240	MPa	ISO 527-1/-2
Stress at break	220	MPa	ISO 527-1/-2
Strain at break	2	%	ISO 527-1/-2
Charpy impact strength (+23°C)	55	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	10	kJ/m ²	ISO 179/1eA

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	235	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	255	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10

Other properties

	Value	Unit	Test Standard
ISO Data			
Water absorption	2	%	Sim. to ISO 62
Humidity absorption	0.7	%	Sim. to ISO 62
Density	1640	kg/m ³	ISO 1183